



Crop Progress and Condition

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Kentucky Department of Agriculture
Cooperative Extension Service

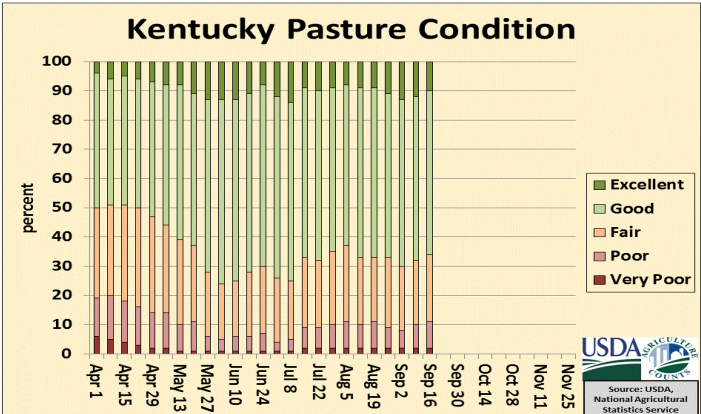
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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.16 inches, 0.68 inches below normal. Temperatures averaged 72 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 3 percent very short, 14 percent short, 68 percent adequate and 15 percent surplus. **Subsoil moisture** was rated 3 percent very short, 15 percent short, 72 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

Primary activities this week included harvesting corn and soybeans, making hay, and cutting tobacco. Several tobacco producers have noted that finding labor for harvesting is an ongoing challenge. Northeastern counties experienced heavy rain showers and humidity at times, leading to house burn in curing tobacco. Cattle producers are preparing for fall breeding and securing supplies.

SOIL MOISTURE for week ending 09/16/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	14	68	15
Subsoil	3	15	72	10



CROP PROGRESS for week ending 09/16/18

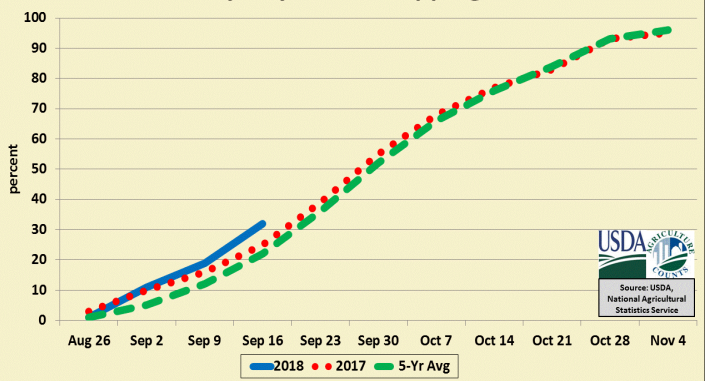
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	94	90	92	91
Corn Mature	81	74	75	72
Corn Harvested	34	24	28	26
Soybeans Setting Pods	97	94	95	96
Soybeans Coloring	61	45	49	-
Soybeans Dropping Leaves	32	19	25	22
Soybeans Harvested	8	2	4	3
Tobacco Topped	95	92	-	-
Tobacco Cut	64	53	69	68

CROP CONDITIONS for week ending 09/16/18

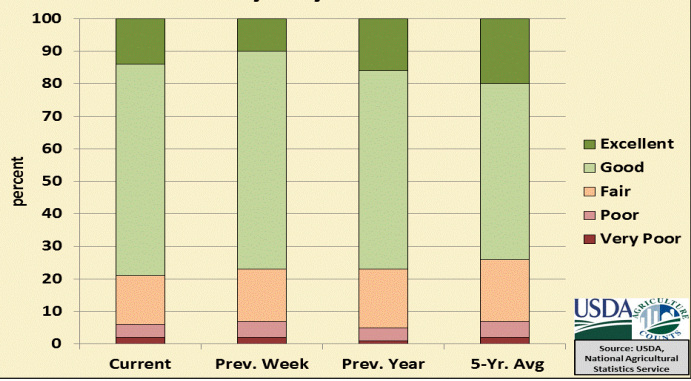
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	16	63	14
Pasture	2	9	23	56	10
Soybeans	2	4	15	65	14
Tobacco Housed	2	6	14	68	10

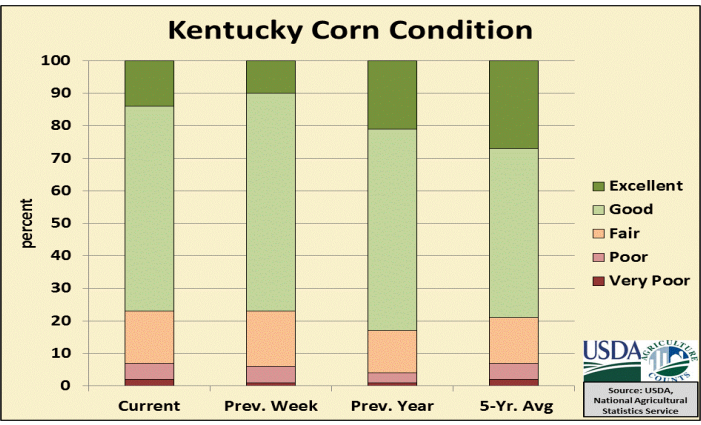
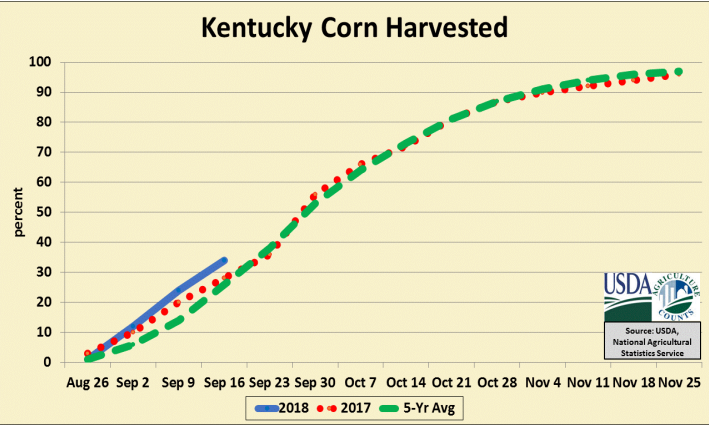
- Represents when data is not available.

Kentucky Soybeans Dropping Leaves



Kentucky Soybean Condition





Kentucky Climate Summary
For the Period September 10, 2018 to September 16, 2018

Above Normal Temperatures and Below Normal Rainfall:

Tropical Depression Florence started working through Kentucky over the latter half of the weekend. This became the third tropical system to make an appearance across the Commonwealth this year, along with remnants of Alberto and Gordon. Light to occasionally moderate showers associated with Florence were mainly confined to the eastern half of the state and for many, was the only precipitation seen for the week. While Eastern Kentucky averaged just over a half inch for the period, Western and Central Kentucky did not receive any significant rainfall. Most across this area either did not see any accumulations and totals were below a tenth of an inch.

Temperatures for the period averaged 72 degrees across the state which was 2 degrees warmer than normal and 6 degrees cooler than the previous period. High temperatures averaged from 83 in the West to 80 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 62 degrees in the West to 65 degrees in the East. Departure from normal low temperatures ranged from 2 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at MADISONVILLE 4S and the extreme low was 52 degrees at CALHOUN 5NW.

Precipitation (liq. equ.) for the period totaled 0.16 inches statewide which was 0.68 inches below normal and 19% of normal. Precipitation totals by climate division, West 0.01 inches, Central 0.03 inches, Bluegrass 0.06 inches and East 0.54 inches, which was 0.85, 0.91, 0.7 and 0.28 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BENTON 4N to a high of 1.36 inches at MIDDLESBORO AWOS.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/16/18 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.00	25.92	3.04	3.27	-0.19	92	54	72	4	152	3,597	327
Berea	0.22	35.43	5.86	11.87	2.18	87	61	71	4	148	3,380	38
Bowling Green	0.01	19.35	3.23	-4.31	-0.11	92	54	74	6	169	4,112	712
Bristol	1.42	25.20	5.15	5.23	2.18	90	66	76	9	180	3,520	398
Buckhorn Lake	0.41	24.08	3.91	1.63	0.55	87	59	71	4	150	3,464	492
Cape Girardeau	0.00	25.46	4.06	3.44	0.81	91	57	73	3	160	3,966	430
Campbellsville	0.00	22.89	4.26	-3.61	0.02	87	53	71	3	146	3,472	155
Covington	0.00	27.42	5.75	6.42	2.92	89	58	72	5	156	3,622	555
Cumberland Gap	0.71	27.93	1.56	3.54	-1.76	87	61	73	6	162	3,512	413
Dix Dam	0.03	31.98	6.45	8.67	3.12	88	56	71	4	146	3,555	281
Evansville	0.00	26.63	3.47	5.64	0.68	93	56	74	4	168	3,898	523
Glasgow	0.01	26.44	3.83	0.82	0.20	89	53	71	3	150	3,711	405
Grayson	0.88	38.41	7.90	16.60	4.98	87	60	71	4	148	3,364	433
Hardinsburg	0.02	26.34	3.45	2.87	0.04	90	53	71	3	149	3,742	324
Henderson	0.00	17.81	1.84	-3.90	-1.23	91	55	72	2	156	3,892	452
Huntington	0.31	28.23	7.09	6.31	4.07	89	60	73	6	160	3,562	428
Jackson	0.58	27.59	3.68	4.05	0.25	89	60	73	6	160	3,650	678
Lexington	0.12	30.52	5.86	7.87	2.63	91	60	73	6	164	3,718	540
London	0.61	29.48	3.97	7.75	0.83	89	61	74	7	166	3,598	467
Louisville	0.06	31.72	6.40	9.67	3.34	92	58	74	6	168	4,152	768
Mayfield	0.00	21.49	2.74	-2.38	-0.86	91	55	73	3	161	3,935	488
Nashville	0.00	17.28	2.32	-4.79	-0.84	94	61	75	7	178	4,100	468
Nolin Lake	0.01	24.74	4.72	-0.24	1.02	88	54	72	4	151	3,835	688
Paducah	0.00	24.25	4.12	0.75	0.86	93	56	74	4	170	4,133	631
Princeton	0.01	23.27	1.91	-0.42	-1.42	92	55	73	3	161	3,852	349
Quicksand	0.56	26.79	3.70	3.25	0.27	89	62	73	6	159	3,532	560
Somerset	0.04	30.45	2.41	5.85	-1.24	89	57	72	5	151	3,460	292
Spindletop	0.05	38.55	8.33	15.90	5.10	90	61	74	7	166	3,732	554
Williamstown	0.03	32.46	6.16	10.17	3.01	88	58	70	3	141	3,374	261

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.